

FISHER SCIENTIFIC COMPANY -- SODIUM HYPOPHOSPHITE -- 6810-00-034-6708

=====
Product Identification
=====

Product ID:SODIUM HYPOPHOSPHITE

MSDS Date:05/18/1988

FSC:6810

NIIN:00-034-6708

MSDS Number: BCVTV

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC COMPANY

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201 796-7100

Emergency Phone Num:201 796-7100

CA

GE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

=====
Composition/Information on Ingredients
=====

Ingred Name:SODIUM HYPOPHOSPHITE

CAS:7681-53-0

RTECS #:WB5950000

Fraction by Wt: >98%

Other REC Limits:NONE SPECIFIED

=====
Hazards Identification
=====

Routes of Entry: Inhalation:YES Skin:

YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN AND
UPPER RESPIRATORY TRACT. INGESTION- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:REDDENING AND TEARING OF EYES, REDDENING AND
ITCHING OF SKIN, COUGHING.
Medical Cond Aggravated by Exposure:NONE

===== First Aid Measures =====

First Aid:SKIN:WASH WITH SOAP & WATER. EYES:FLUSH WITH WATER. SEE
DOCTOR.
INGESTED:DON'T INDUCE VOMITING. SEE DOCTOR. INHALED:REMOVE
TO FRESH AIR. RESUSCITATE/ GIVE OXYGEN IF NEED. KEEP WARM & QUIET.
REMOVE CONTAMINATED CLOTHING. NEVER GIVE ANYTHING BY MOUTH TO
UNCONSCIOUS PERSON.

===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY,
OR FOAM.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:EXPOSURE TO HEAT CAUSES EXPLOSIVE
DECOMPOSITION.

===== Accidental Release Measures =====

Spill Release Procedures:ISOLATE AREA. REMOVE IGNITION SOURCES. CONTROL
SPILL. SWEEP UP INTO DRUM FOR RECLAIM OR FOR DISPOSAL.FINALLY,FLUSH
SPILL AREA WITH WATER.LIQUID SPILLS & FLUSHES SHOULD BE ROUTED TO
RETENTION AREA FOR FURTHER TREATMENT.
Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP
CONTAINERS TIGHTLY CLOSED
Other Precautions:RUN-OFF INTO SEWER MAY CAUSE EXPLOSION HAZARD.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUSTS AND
MISTS.
Ventilation:USE ADEQUATE MECHANICAL VENTILATION.
Protective Gloves:RUBBER/NEOPRENE
Eye Protection:SAFETY GLASSES

SES

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Work Hygienic Practices:PRACTICE GOOD PERSONAL HYGENE AFTER USE. DO NOT
SMOKE, EAT, DRINK UNTIL HANDS ARE WASHED.

Supplemental Safety and Health

MDS NOT DATED.

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:0.8

pH:7

Solubility in Water:APPRECIABLE

Appearance and Odor:ODORLESS, FREE-FLOWING,HYGROSCOPIC,WHITE CRYSTALS.

===== Stability and Reactivity Data =====

=====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS., CHLORATES, NITRATES.

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:THERMAL DECOMPOSITION CAN EMIT
PHOSPHINE AND OXIDES OF PHOSPHOROUS

===== Disposal Considerations =====

Waste Disposal Methods:DISSOLVE IN WATER THEN ROUTE TO TREATMENT
FACILITY FOR OXIDATION & LIME TREATMENT; BURY RESULTING SLUDGE AS
LANDFILL IN ACCORDANCE WITH FEDERAL, STATE
& LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to th
eir
particular situation.